APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/047,348	03/25/1998	SURESH JEYACHANDRAN	35.C12660	3147

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EXAMINER
KANOF, PEDRO R

ART UNIT	PAPER NUMBER
3628	

DATE MAILED: 06/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

Office Action Summary	**Application No.**	**Applicant(s)**
	09/047,348	JEYACHANDRAN ET AL.
	Examiner	**Art Unit**
	Pedro Kanof	3628

-- The MAILING DATE of this communication appears on the cover sheet with th correspondenc address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

09 December 2002

1) ☒ Responsive to communication(s) filed on <u>01 March 2003</u> .

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>5,7,9,15,17,19,20,23-26 and 28-32</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>5,7,9,15,17,19,20,23-26 and 28-32</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)	4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) ☐ Notice of Informal Patent Application (PTO-152)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .	6) ☐ Other: .

DETAILED ACTION

Response to Amendment

1.   This correspondence is in response to the RCE filed 3/1/03.

2.   Claims 5, 7, 9, 15, 17, 19, and 21 have been amended as specified.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless --
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

4.   Claims 5, 7, 9, 15, 17, 19, 21, 23, 28 and 32 are rejected under 35 U.S.C. 102(e) as being

anticipated by Huemoeller et al.. (U.S. Patent No. 5,855,006).

Claims 5, 15 and 21: Huemoeller discloses an information processing apparatus, a method

and a computer-readable storage medium, comprising:

a search unit that searches for a pending task to be performed by the user for instructing

the apparatus to terminate a current operation (with the alarm function, col. 6, lines 35-48) within

a predetermined timeframe when the detector detects that the user is about to depart, using:

"(T)he integration module IM functions as a database, which stores data in memory M for

retrieval on an organized basis for the calendar system CA for presentation to the user via display

D." (Col. 4, lines 55-58, emphasis added).   A search unit is an information processing feature

that <u>searches or retrieves or detects information</u> stored in a database, such as the response to an

ending instruction from a user. The database stores a user's schedule, and that information

<u>searched or retrieved or detected</u> permit to know that the user is about to depart.

Huemoeller discloses make the <u>search in a predetermined timeframe</u>:

"The personal activity scheduling apparatus AP is shown in block diagram form in FIG. 1

and comprises a calendar system CA which interconnects with the clock C of the central

processing unit CPU to <u>generate and maintain the calendars</u> described below. The

calendar system CA preferably comprises a <u>module which dynamically generates a present</u>

<u>date calendar</u>, which date is indicated by the system clock C, <u>and presents a display to the</u>

<u>user on display D of this present date calendar in the form selected by the user</u>. In

addition, at least one, and preferably a plurality of application modules TB1-TBn (also

termed time based software modules hereinbelow) are included, each of which generates

<u>data indicative of events which may be of interest to the user. The events can be time-</u>

<u>based or situational-based</u>..."(emphasis added) (Col. 4, lines 17-30).

Huemoeller described <u>search in a predetermined timeframe</u> detection step of detecting, in

response to an ending instruction from the user, in a <u>Daily Calendar</u> (Col. 5, line 23-col. 7, line

21), a <u>Weekly Calendar</u> (Col. 7, lines 22-56), and a <u>Monthly Calendar</u> (Col. 7, line 56-col. 8, line

6) that the user is about to depart from being present at an information processing apparatus;.

Huemoeller also discloses a notifier that notifies the user of the pending task to be

performed within the predetermined timeframe when the pending task is found by said search unit:

"In addition, an alarm menu AL is provided to enable the user to turn on the alarm

function by selecting ("X") "Alarm" and setting the length of time prior to this scheduled event

the alarm should be generated. The user can also select the type of alarm indication, from a menu

of possible visual and audible alerts that can be produced by the user terminal device PC." (Col. 6,

lines 35-41, emphasis added). Thus, Huemoeller discloses a menu of possible visual and audible

alerts to notify the user of the pending task to be performed.

Claims 7 and 17: Huemoeller discloses an information processing apparatus and a method,

comprising:

a detector that detects, in response to an ending instruction from a user, for instructing the

apparatus to terminate a current operation (with the alarm function, col. 6, lines 35-48), that the

user is about to depart from being present at the information processing apparatus and an inferring

unit that infers a destination of a user based on a user's schedule when the detector detects that

the user is about to depart; using a search unit that searches for a pending task relevant to the

destination of the user when said detector detects that the user is about to depart (Col. 4, lines 55-

58, see discussion above in claims 5, 15 and 21); and

a notifier that notifies the user of the pending task relevant to the destination of the user

(Col. 6, lines 35-41).

Claim 9 and 19:   Huemoeller discloses an information processing apparatus and a method, comprising:

a detector that detects, in response to an ending instruction from a user, for instructing the apparatus to terminate a current operation (with the alarm function, col. 6, lines 35-48), that the user is about to depart from being present at the information processing apparatus and an inferring step of inferring a person with whom the user is scheduled to meet based on a user's schedule when the detecting step detects that the user is about to depart, using a search unit that searches for a pending task relevant to the person with whom the user is scheduled to meet when said detector detects that the user is about to depart (Col. 4, lines 55-58, see discussion above in claims 5, 15 and 21); and

a notifier that notifies the user of the pending task relevant to the person with whom the user is scheduled to meet (Col. 6, lines 35-41).

Claims 23, 28 and 32:   Huemoeller discloses an information processing apparatus, a method and a computer-readable storage medium, comprising:

a schedule storage, for storing a plurality of new task relevant to a schedule memory for storing a plurality of pending tasks (Col. 2, lines 16-24);

a search unit that searches the schedule memory for a pending task relevant for a pending new task when the entry adder adds the new task (Col. 2, lines 12-16); and

a notifier that notifies the user of the pending task relevant to the new task (Col. 2, line 61-Col. 3, line 2).

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness

rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

6.   Claims 24-26 and 29-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Huemoeller et al.. (U.S. Patent No. 5,855,006).

Huemoeller discloses an information processing apparatus, a method and a computer-

readable storage medium, comprising a search unit that is an information processing feature that

searches or retrieves or detects information stored in a database, such as a pending task to be

performed by the user, according to Claims 23 and 28, wherein the search unit searches a pending

task to be performed subsequent to the new task, relevant to a person related (with who do it)

and to a location where the new task is to be performed.

However, Huemoeller does not explicitly disclose that the search unit searches a pending

undertaking to be performed subsequent to the new task, relevant to a person related (with whom

to do it) and to a location where the new task is to be performed. The Huemoeller's database

stores a user's schedule, with the events in which the user intends to participate. The Examiner

interpretation of the registration of an **event** in the Huemoeller's invention includes what to do in

that event, with whom to do it, and where the event will occur (Col. 6, lines 25-35, T5 and T6 in

Fig. 3 and DE and EFT in Fig. 4).   These are types of standard information contained in any

personal agenda or scheduling.   Therefore, it would have been obvious to one having ordinary

skill in the art to include these features. One would have been motivated to have the search unit

search a pending task to be performed subsequent to the new task, relevant to a person related

(with whom to do it) and to a location where the new task is to be performed in order to have in

one file all needed information regarding the event (when --day, time--, where --complete address-

-, what is needed for the perform--documents, slides, personal computer, musical instrument, etc.-

-, key persons contact --title, hobbies, relatives information--).

Response to Arguments

7.   Applicant's arguments filled on 12/9/02 have been fully considered but they are not

persuasive.

8.   Applicant argues that: "... the applied art is not seen to disclose or to suggest at least the

feature of detecting, in response to an ending instruction from a user for instructing an

information processing apparatus to terminate a current operation, that the user is about to depart

from being present at an information processing apparatus..." (Page 10, lines 15-19), and "...there

is nothing in Huemoeller that is seen to disclose or to suggest detecting, in response to an ending

instruction from a user for instructing an information processing apparatus to terminate a current

operation, that the user is about to depart from being present at an information processing

apparatus..." (Page 11, lines 6-10).

Examiner notes that Huemoeller discloses: "...an alarm menu AL is provided to enable the user to turn on the alarm function by selecting ("X") "Alarm" and setting the length of time prior to this scheduled event the alarm should be generated. The user can also select the type of alarm indication..." (Col. 6, lines 35-44)

Thus, Huemoeller discloses the feature in the information processing apparatus that the user can perform to instructing the information processing apparatus that the user is about to depart and the alarm function will notifying the user of the pending tasks in a predetermined timeframe.

Thus, Huemoeller anticipates all the features of independent Claims 5, 7, 9, 15, 17, 19, 21, 23-26, and 28-32.

Conclusion

9.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

10.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exr. Pedro R. Kanof whose telephone number is (703) 308-9552. The examiner can normally be reached on weekdays from 7:30 a.m. to 4:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Hyung Sough, can be reached on (703) 308-0505. The fax phone number for this Group is (703) 308-3687.
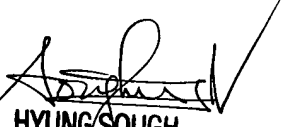
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Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Group receptionist whose telephone number is (703) 305-3900.

PRK- 2/30/03.

HYUNG SOUGH
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